

Fig. 5 **Camshafts of the same dimension**
(optical size differences are caused by photography)

- a) according to the present invention
- b) in a conventional cast construction

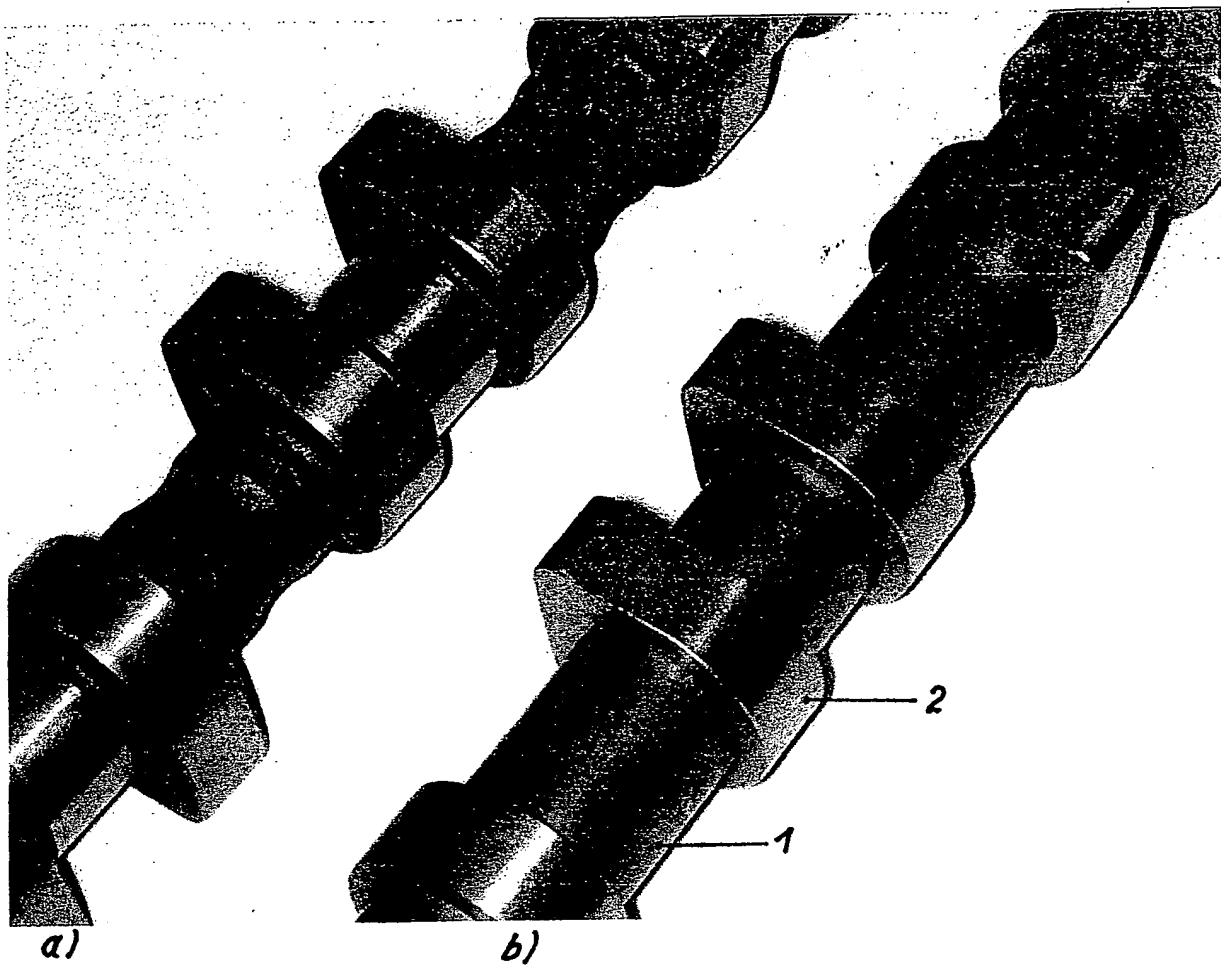


Fig. 6 **Camshafts (detail part of Fig. 1, about natural size)**

- a) in a conventional cast construction of a single piece
- b) in built-up construction according to present invention

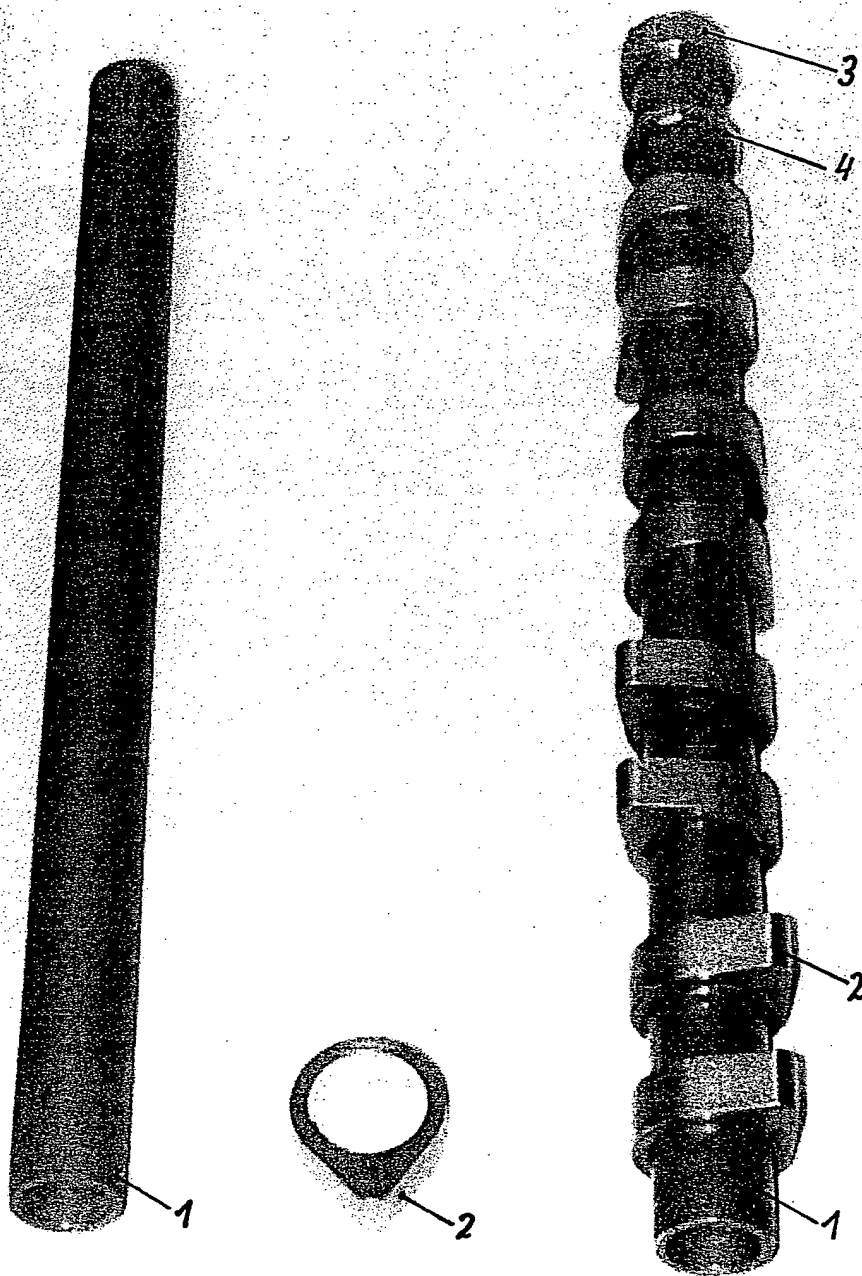


Fig. 7 **Built camshaft according to present invention**

1-smooth coated tube, 2 -cam, 3 -end piece, 4 -bearing ring

prior to pressing
contact model rough/smooth

after the pressing under
operational conditions

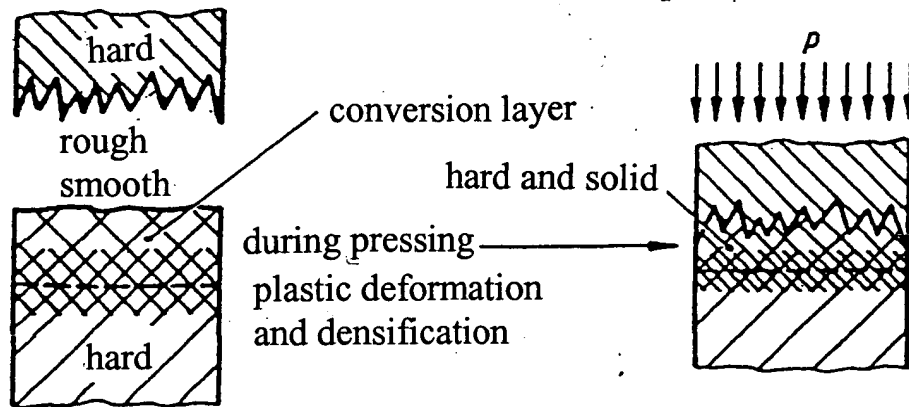


Fig. 8 Change of the conversion layer based on pressing of the press connection and forming of a micro form matching (right of picture)